

Experiment A

Becks Sample 1

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SAMPLE : Beck's / Commercial Beer

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTERTASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.5

SAMPLE : Becks / Commercial beer + Example 1 (A+B)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SARTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	STAZINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTELY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.5

Becks Sample 3

3/Cal

SAMPLE: Becks / Addition Experiment / CB + EX1 + Calcium
CL 3% (max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.7
(+0.2)

Becks Sample 4

4/Ca

SAMPLE: Becks / Addition Experiment / CB + L₁ + Ca^(A78) @ C₁₃₆ + 25%

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	STAZINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ETHEREAL
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

↑
'caloric' factor

Comments:

pH 4.9
(+0.4)

Becks Sample 5

3/Mg

SAMPLE: Becks / Ex 1 + ^{Mg} Cd 36 (max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 8.6
(40.1)

SAMPLE: Becks / Ex1 + Mg U 36 max + 15%

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SAZINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SAZY
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNETIC*				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.6
(+0.1)

SAMPLE : Becks / Ex 1 + (P) U36 (max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SAZINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SAZY
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNETIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.3
(-0.2)

Becks Sample 8

4/P

SAMPLE: Becks / Bx1 + (P) Cl36(mad) + 25%

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MINERALIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.2
(-0.3)

Becks Sample 9

3/K

SAMPLE: Becks / Ex 1 + (K) (136 max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 5.1
(+0.6)

Becks Sample 10

(4/K)

SAMPLE: Becks/ Gx1 + (K) 1136(max) + 25%

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ERTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 5.3
(+0.8)

Becks Sample 11

3/5:

SAMPLE: Beck's / Exr + C 36 (max) (Si)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	STAZINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTERTASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.7
(+0.2)

Becks Sample 12

4/Si

SAMPLE: Beck's / Br 1 + el 36 (more) + 25? (50)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTERTASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.7
(+0.2)

Becks Sample 13

3/Na

SAMPLE: Becks / Ex1 + (Na) 23.6 (max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPUSSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
4	SARTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	STAZINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
12	PERSISTENCE OF AFTERTASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments: Almost all components marginal to acceptable
 pH 4.7 23.6 mg/L extra beyond Ex1 produced a
 (+0.2) marginal beer.

SAMPLE : Becks / (R₁ + (W_a) (L₃ (max) + 25%

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EPARTY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments: Sodium related components concentrated,
 pH 4.7 after weakened, beer destroyed
 (+0.2)

SAMPLE : Beck's / Ex 1 + (11) 1136 max

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	STAZINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.6
(+0.1)

Becks Sample 16

(4/11)

SAMPLE : Becks / Exc + (11) Cl 36 + 25%

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.6

(+0.1)

0.6

0.1

Becks Sample 17

SAMPLE : Becks / Addition Expt / CA + AC (ABCA)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPUSSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ERTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.5

Becks Sample 18

SAMPLE : Becks / Addition Experiment / $CB + ET1 (AAB) + (C+D) \rightarrow \frac{26}{36} \text{ (max)}$

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPUSSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.5

Becks Sample 19

SAMPLE : Becks / Adolition Expt / CB + CA (A+B) + (C+D) * $\frac{0.36}{\text{max}} + 25\%$

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	STAZINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	STAZINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TO EXTENDED	PERSISTENT

Comments:

pH 4.5

SAMPLE : Heineken / Commercial Beer

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.7

SAMPLE : Heineken / Commercial Beer + Example 1 (ATR)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPUISIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUISIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ETRYARY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUISIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.7

Heineken Sample 3

3/Car

SAMPLE : Heineken / Addition / CB + EX (ATR) + (Ca) 0.36(max)

COMPONENT	RATING				
1	AROMA ←				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 5.0
(+0.3)

SAMPLE : Heineken / Arolotion / CB + EX 1 (AAB) (Ca) Cl 36 (max + 25%)

COMPONENT	RATING				
1	AROMA ←				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	STAZINE
5	SWEETNESS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY →				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE →				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 5.2
(+0.5)

Heineken Sample 5

3/Mg

SAMPLE : Heineken / Addition / CB + Ex 1 (ATR) + (Mg) Cl 36 (max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPUSSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ETHEREAL
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	Too EXTENDED	PERSISTENT

Comments:

pH 4.8
(+0.1)

Heineken Sample 6

4/Mg

SAMPLE : Heineken / Addition / CB + Ex 1 (A78) + (Mg) 22.36 (max + 25%)

COMPONENT	RATING				
1	AROMA ←				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY ←				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY) →				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.8
(±0.1)

Heineken Sample 7

3/P

SAMPLE : Heineken / Adolotion / CB + PK (ATB) + P 1136 (max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELISIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELISIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNETIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ETARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELISIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.3
(-0.4)

Heineken Sample 8

4/P

SAMPLE : Heineken Revolution (CB + Ex 1 (ARA) + (P) US6 (max + 25%)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPUSSIVE
2	MALTINGS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY →				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY) →				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNETIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
12	PERSISTENCE OF AFTER TASTE →				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.1
(-0.6)

Heineken Sample 9

3/K

SAMPLE : Heineken (Helveticus) CB + EX (AAB) + (R) Cl 36(max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPUSSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EPATHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 5.4
(+0.7)

Heineken Sample 10

4/K

SAMPLE: ~~Heineken~~ Addition (CR + 50) (A7R) + (K) C36 (max + 25%)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	← CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 5.6
(+0.9)

SAMPLE : Heineken / Addition / CB + Ex 1 (A+B) + 500CL 36 (max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.8
(+0.1)

Heineken Sample 12

4/5i

SAMPLE : Heineken / Addition / CB + Axi (AAR) + (Si) @ 0.36 max + 25%

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPUISIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUISIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNETIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUISIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.8
(+0.1)

SAMPLE : Heineken / Addition / CB + Exc (AAR) + Wall 36 / mad

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ETARTAY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.7

Heineken Sample 14

4/Nov

SAMPLE : Heineken / Revolution (CA + Ex (CA + Ex) + (Na) 2 Cl 36 (max + 25%)

COMPONENT	RATING				
1	AROMA ←				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5	SWEETNESS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY →				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY) ←				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ERTHY
11	INITIAL MOUTHFEEL →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.8
(+0.1)

Heineken Sample 15

3/CL

SAMPLE : Heineken / Addition / CB + Ex 1 (A+B) + (C) = C136(max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.7

Heineken Sample 16

4/11

SAMPLE : Heineken / Application / CA + Ex (A+B) + (C) @ CL36 (max + 25%)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINESS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE →				
	ABSENT	SHORT	ACCEPTABLE	TO EXTENDED	PERSISTENT

Comments:

pH 4.7

Heineken Sample 17

5

SAMPLE : Heineken / Addition / Ex 1 (A B C D)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	STAZINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.7

Heineken Sample 18

(6)

SAMPLE : Heineken / Addition / Ex 1 (A+B only) + (C+D) p 36 (max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	→ SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNETIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHLY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.7

Heineken Sample 19

(7)

SAMPLE : Heineken / Addition / Ex1 (A+B only) + (C+D) C34 (max + 25%)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNETIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ETARTY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.7

Guinness Sample 1

①

SAMPLE : Guinness / Commercial Beer

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOOR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.5

SAMPLE : Guinness/Commercial Beer + Example 1 (A+B)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.5

Guinness Sample 3

(3/6)

SAMPLE : Guinness / Solution / Ex 1 (ATR) + (Ca) 1136 max

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNED, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNETIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EFFERV
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 5.2
(+0.7)

Guinness Sample 4

4/Co

SAMPLE : Guinness / Addition / 2% (A.B) + (Co) 0.26(max) + 25%

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	MINERAL SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 5.4
(+0.9)

Guinness Sample 5

3/Mg

SAMPLE : Guinness / Holidon / Ex 1 (A+B) + (Mg) 1136 max

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ETRHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.5

Guinness Sample 6

4/Mg

SAMPLE : Guinness / Addition / Ex 1 (A+B) + [Mg] $CB_{6,max}$ +25%

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPUSSIVE
2	MALTINESS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
4	SALTINESS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY ←				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY) ←				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ERTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.6
(+0.1)

Guinness Sample 7

3/P1

SAMPLE : Guinness / Addition / Ex1 + P11 36(max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	NO EXTENDED	PERSISTENT

Comments:

pH 4.1
(0.4)

4.1

- 0.1

Guinness Sample 8

4/8

SAMPLE : Guinness / Addition of Ex1 + @ E136 (max + 25%)

COMPONENT	RATING.				
1	AROMA ←				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG →	SALINE
5	SWEETNESS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNED TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8	SOURNESS (ACIDITY) →				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE →				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 3.9
(-0.6)

SAMPLE : Guinness / Addition / BAI + CIB (max) (R)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 5.4
(+0.9)

Guinness Sample 10

4/K

SAMPLE : Guinness / Holidon / (A+B) 1 + 236 (max + 257) (K)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	NO EXTENDED	PERSISTENT

Comments:

pH 5.7
(+1.2)

SAMPLE : Guinness / Addition / Ex (A+B) + (Si) CL36 max

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ETARTAY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.7
(+0.2)

SAMPLE : Guinness / Keltrol / 6x (A+B) + (S) C36 (max + 25%)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY ←				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (ROAST, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIUM				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.7

SAMPLE : Guinness / Addition / Ex (A+B) + (NA) (max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.6

(4.0.1)

+ 1.1

SAMPLE : Guinness / Addition / Ex (A+B) + (V6) C236(max + 25%)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	STARTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	STAZINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EPKTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.7
(+0.2)

4.7
4.0

Guinness Sample 15

2/11

SAMPLE : Guinness / Addition / Exc (A7B) + U36 (max)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	STAZINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 6.5

Guinness Sample 16

4/22

SAMPLE : Guinness / Addition / Ex (A+B) + (C) 236 (max + 25%)

COMPONENT	RATING				
1	AROMA ←				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINGS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS ←				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY) →				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL →				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TO EXTENDED	PERSISTENT

Comments:

pH 4.5

(4.5)

SAMPLE : Guinness / Additions EX1 (A+B+C+D)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOOR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 9.5

SAMPLE : Guinness / Addition / Ex1 (HAB) + (C+D) at C36 max

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 6.5

SAMPLE : Guinness / Addition / Ex: (A+B) + (C+D) all 36 (max + 25%)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ETARTAY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.5